505458778 05/03/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the NAME OF RECEIVING PARTY previously recorded on Reel 043402 Frame 0722. Assignor(s) hereby confirms the ASSIGNMENT.

EPAS ID: PAT5505581

CONVEYING PARTY DATA

NATURE OF CONVEYANCE:

Name	Execution Date
BERND WAIDHAS	07/14/2017
GEORG SEIDEMANN	07/13/2017
ANDREAS AUGUSTIN	07/19/2017
LAURENT MILLOU	07/18/2017
ANDREAS WOLTER	07/13/2017
REINHARD MAHNKOPF	07/15/2017
STEPHAN STOECKL	07/25/2017
THOMAS WAGNER	07/13/2017

RECEIVING PARTY DATA

Name:	INTEL IP CORPORATION
Street Address:	2200 MISSION COLLEGE BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15637935

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: request@slwip.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	4884.663US1
NAME OF SUBMITTER:	HALEY BEEKMAN
SIGNATURE:	/Haley Beekman/

PATENT 505458778 REEL: 049080 FRAME: 0459

DATE SIGNED:	05/03/2019
Total Attachments: 4	
source=4884.663US1 Corrected Assign	ment#page1.tif
source=4884.663US1 Corrected Assign	ment#page2.tif
source=4884.663US1 Corrected Assign	ment#page3.tif
source=4884.663US1 Corrected Assign	ment#page4.tif

PATENT REEL: 049080 FRAME: 0460

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: (P112718) 4884.663US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Intel IP Corporation Bernd Waidhas, Georg Seidemann, Andreas Augustin, Laurent Millou, Andreas Wolter, Reinhard Mahnkopf, Street Address: 2200 Mission College Boulevard Stephan Stoeckl, Thomas Wagner City: Santa Clara State: CA Zip: 95054 Additional name(s) of conveying party(ies) attached? Country: United States of America []Yes [X]No Additional name(s) & address(es) attached? []Yes [X]No 3. Nature of conveyance: [] Assignment [] Merger [] Security Agreement [] Change of Name [X] Other – Correct the name of the Receiving Party on the previously recorded cover sheet at reel 043402 and frame 0722. Execution Date: July 14, 2017, July 13, 2017, July 19, 2019, July 18, 2017, July 13, 2017, July 15, 2017, July 25, 2017, July 13, 2017 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 15/637,935 Additional numbers attached? [[Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 0.00 Name: John N. Greaves || Enclosed [Authorized to be charged to deposit account Address: 190743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, Minnesota 55402 payments to our Deposit Account No.: 190743 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature

Total number of pages including cover sheet: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450

John N. Greaves/Reg. No. 40,362

Name of Person Signing

PATENT REEL: 049080 FRAME: 0461

1 May 2019

Date

504519823 08/25/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

DATE SIGNED:

EPAS ID: PAT4566528

SUBMISSION TYPE:		NEW ASSIGNMENT	чининимининиминий		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY D	АТА				
			Name	Execution Date	
BERND WAIDHAS				07/14/2017	
GEORG SEIDEMANN			***************************************	07/13/2017	
ANDREAS AUGUSTIN			07/19/2017		
LAURENT MILLOU			07/18/2017		
ANDREAS WOLTER			07/13/2017		
REINHARD MAHNKOPI	-			07/15/2017	
STEPHAN STOECKL				07/25/2017	
THOMAS WAGNER	***********			07/13/2017	
RECEIVING PARTY DA Name:	- y	INTEL CORPORATION			
Name: Street Address:	ļ				
City:	↓	2200 MISSION COLLEGE BLVD.			
Gity.	SANTA CLARA				
Ctata Carmina	LONGE	STALL.	A		
State/Country:	CALIFO 05054	ORNI	4	- WAAAA	
State/Country: Postal Code:	95054	ORNI/	4		
	95054	ORNI/	4		
Postal Code:	95054	ORNI/	A Number]	
Postal Code: PROPERTY NUMBERS	95054	1563	Number		
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b	95054 Total: 1 ATA e sent to	1563 o the :	Number	successful, it will be sent	
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if j Email: Correspondent Name:	95054 Total: 1 ATA e sent to	1563 o the t; if the reque	Number 7935 e-mail address first; if that is un hat is unsuccessful, it will be se est@slwip.com WEGMAN LUNDBERG & WOESS	nt via US Mail.	
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if j Email: Correspondent Name: Address Line 1:	95054 Total: 1 ATA e sent to	1563 o the requesting the requestion of the req	Number 7935 e-mail address first; if that is un hat is unsuccessful, it will be se est@slwip.com WEGMAN LUNDBERG & WOESS BOX 2938	nt via US Mail.	
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if j Email: Correspondent Name:	95054 Total: 1 ATA e sent to	1563 o the requesting the requestion of the req	Number 7935 e-mail address first; if that is un hat is unsuccessful, it will be se est@slwip.com WEGMAN LUNDBERG & WOESS	nt via US Mail.	
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if j Email: Correspondent Name: Address Line 1:	95054 Total: 1 ATA e sent to	1563 o the requesting the requestion of the req	Number 7935 e-mail address first; if that is un hat is unsuccessful, it will be se est@slwip.com WEGMAN LUNDBERG & WOESS BOX 2938	nt via US Mail.	
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if j Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUMBERS	95054 Total: 1 ATA e sent to	1563 o the requesting the requestion of the req	Number 7935 e-mail address first; if that is until the sent of the	nt via US Mail.	
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if j Email: Correspondent Name: Address Line 1: Address Line 4:	95054 Total: 1 ATA e sent to	1563 o the requesting the requestion of the req	Number 7935 e-mail address first; if that is under the insuccessful, it will be seen the selection of the insuccessful, it will be seen the selection of the insuccessful, it will be seen the insuccessful to the insuccessful	nt via US Mail.	

08/25/2017

PATENT REEL: 049080 FRAME: 0462

Intel Docket No.: P112718 SLW Reference No.: (P112718) 4884.663US1

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

<Bernd Waidhas, Georg Seidemann, Andreas Augustin, Laurent Millou, Andreas Wolter, Reinhard Mahnkopf, Stephan Stoeckl, Thomas Wagner>

hereby sell, assign, and transfer as:

Intel IP Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Sama Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled.

MONOLITHIC SILICON BRIDGE STACK INCLUDING A HYBRID BASEBAND DIE SUPPORTING PROCESSORS AND MEMORY

(I hereby authorize and request my afterney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of soid application when known.)

which was filled on Jone 29, 2017 as

United States of America, Application Number 15/637,935

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below.

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filled in the United States and all other countries and international litting offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filling offices on said inventions and improvements; and in and to all rights of priority resulting from the filling of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and manional phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Adultional Applications, and all other patent applications on any and all said inventions and improvements; execute

Page Lafil

PATENT REEL: 049080 FRAME: 0463

Intel Docket No.: P112718 SLW Reference No.: (P112718) 4884.663U81

all rightful oaths, assignments, powers of atternsy, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof, and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting little to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, moregage. Itemso, or other agreement affecting the rights and properly berein conveyed has been made to others by the undersigned, and that full right to convey the same as bernin expressed is possessed by the undersigned.

Page 2 of 2

PATENT REEL: 049080 FRAME: 0464

RECORDED: 05/03/2019